

Title (en)
SYSTEM OF VEHICLES EQUIPPED WITH IMAGING EQUIPMENT FOR HIGH-DEFINITION NEAR REAL-TIME MAP GENERATION

Title (de)
SYSTEM AUS FAHRZEUGEN MIT BILDGEBUNGSGERÄTEN ZUR HOCHAUFLÖSENDEN KARTENERZEUGUNG IN ECHTZEIT

Title (fr)
SYSTÈME DE VÉHICULES ÉQUIPÉS D'UN ÉQUIPEMENT D'IMAGERIE POUR LA GÉNÉRATION DE CARTES EN TEMPS QUASI RÉEL À HAUTE DÉFINITION

Publication
EP 3631682 A1 20200408 (EN)

Application
EP 18809691 A 20180531

Priority
• US 201762513056 P 20170531
• US 2018035494 W 20180531

Abstract (en)
[origin: WO2018222937A1] Described are street level intelligence platforms, systems, and methods that can include a fleet of swarm vehicles having imaging devices. Images captured by the imaging devices can be used to produce and/or be integrated into maps of the area to produce high-definition maps in near real-time. Such maps may provide enhanced street level intelligence useful for fleet management, navigation, traffic monitoring, and/or so forth.

IPC 8 full level
G06K 9/00 (2006.01); **G01S 17/86** (2020.01); **G01S 17/89** (2020.01); **G06K 9/32** (2006.01); **G06K 9/48** (2006.01); **G06K 9/78** (2006.01)

CPC (source: EP KR US)
B60R 1/20 (2022.01 - KR); **B60R 11/04** (2013.01 - KR); **B60W 40/02** (2013.01 - KR); **B60W 50/14** (2013.01 - KR); **B60W 60/001** (2020.02 - KR); **G01C 21/3841** (2020.08 - EP US); **G01C 21/3885** (2020.08 - US); **G01C 21/3893** (2020.08 - US); **G01S 17/42** (2013.01 - KR); **G01S 17/86** (2020.01 - EP US); **G01S 17/88** (2013.01 - EP US); **G01S 17/89** (2013.01 - EP KR US); **G06T 7/11** (2017.01 - KR US); **G06V 10/17** (2022.01 - EP KR US); **G06V 20/58** (2022.01 - EP KR US); **G06V 20/584** (2022.01 - KR US); **G08G 1/0112** (2013.01 - EP KR); **G08G 1/0129** (2013.01 - EP KR); **G08G 1/0133** (2013.01 - EP KR); **G08G 1/0141** (2013.01 - EP KR); **G08G 1/20** (2013.01 - EP KR); **H04W 4/44** (2018.02 - US); **B60R 2300/207** (2013.01 - EP KR US); **B60R 2300/301** (2013.01 - EP KR US); **B60R 2300/302** (2013.01 - EP KR US); **B60R 2300/406** (2013.01 - EP KR US); **B60R 2300/50** (2013.01 - EP KR US); **B60W 2050/0005** (2013.01 - KR); **B60W 2050/009** (2013.01 - KR); **B60W 2050/146** (2013.01 - KR); **B60W 2420/403** (2013.01 - KR); **B60W 2420/408** (2024.01 - KR); **B60W 2554/4029** (2020.02 - KR); **B60W 2555/60** (2020.02 - KR); **B60W 2556/50** (2020.02 - KR); **G01S 17/42** (2013.01 - EP US); **G06T 2207/30236** (2013.01 - KR US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018222937 A1 20181206; EP 3631682 A1 20200408; EP 3631682 A4 20210224; JP 2020522783 A 20200730; JP 7199627 B2 20230106; KR 20200016886 A 20200217; US 11802968 B2 20231031; US 11879977 B2 20240123; US 2018349715 A1 20181206; US 2021216794 A1 20210715; US 2021216795 A1 20210715

DOCDB simple family (application)
US 2018035494 W 20180531; EP 18809691 A 20180531; JP 2019564035 A 20180531; KR 20197038274 A 20180531; US 201815995041 A 20180531; US 202117216043 A 20210329; US 202117216079 A 20210329